

Aquapurge Ltd based in the UK is a fifteen plus year manufacturing company focused solely on purging materials for the plastics industry.

Barrel Blitz Universal (BBU) is a true evolution in purging, comprising a stable, easy clearing polymer and Aquapurge's proprietary Scrubber Concentrate. Its three primary uses are: colour changes, material changes and – where it truly comes into its own – clearing carbon.

This clearing carbon – by which we mean fully degraded materials and plate-out from concentrated pigments or additives – can be done in isolation. But, more importantly, it will be done every time you use BBU for colour or material changes.



Change from TPU to carbon choked BBU to clean BBU



purging with the
professionals

But it is much more than that. Here are just a few of BBU's benefits – all in one material:

- it works effectively from 160°C to

- 370°C (320°C to 698°F)
- it's easily cleaned out by any material, including clear ones as well – with no milky mouldings
- it can be used as a strip-down material (ask us for instructions)
- it has above-average ability in colour and material change
- it's effective for much higher temperature materials if reduced to 370°C (698°F) while purging

So what does all this mean?

- If you want to change from carbon-filled PEEK to TPU, use BBU at 370°C until clean, reduce temperatures to 200°C, purge with some more BBU and then the TPU
- If you want to change from FR PC/ABS to clear SAN as soon as the flame retardant job finishes, purge immediately with BBU, change the tool, reduce heats to SAN temperatures and purge with SAN until clear
- If you start getting specks during a POM run, stop and purge with BBU until the purgings look clean, and then go back to POM. (Depending on your quality requirements you may need to check the purge with a loop or magnifying instrument.)
- If you want to pull the screw after running GF Nylon 66, purge with BBU, reduce heats to 200°C, purge with some more BBU, dismantle the equipment and remove BBU while hot

